

# ISO 8503-3:2012-02 (E)

Preparation of steel substrates before application of paints and related products -  
Surface roughness characteristics of blast-cleaned steel substrates - Part 3: Method  
for the calibration of ISO surface profile comparators and for the determination of  
surface profile - Focusing microscope procedure

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	1
5	Apparatus .....	2
6	Test surfaces .....	2
6.2	Blast-cleaned steel substrates/replica .....	2
7	Procedure for measurement of maximum peak-to-valley height .....	2
8	Calculation and expression of results .....	3
9	Test report .....	3
Annex A (normative) Determination of backlash (play) in the microscope adjustment mechanism .....		5
determination of surface profiles .....		6
Annex C (normative) Form for recording surface profile measurements made in accordance with this focusing microscope .....		8
Annex E (informative) Guidance notes for the preparation and measurement of replicas .....		10
Bibliography .....		11